

00 / 524 225 #3
DT01 Rec'd PCT/PTC 09 FEB 2005

MAIL STOP PCT
IN THE UNITED STATES DESIGNATED OFFICE
OF THE UNITED STATES PATENT AND TRADEMARK OFFICE
UNDER THE PATENT COOPERATION TREATY-CHAPTER II

5

INFORMATION DISCLOSURE STATEMENT

APPLICANTS: Deco et al.
ATTORNEY DOCKET NO. P05,0033
INTERNATIONAL APPLICATION NO: PCT/DE2003/002658
INTERNATIONAL FILING DATE: August 7, 2003
10 INVENTION: "METHOD, ARRANGEMENT AND COMPUTER
PROGRAM PRODUCT FOR ANALYZING NEURONAL
ACTIVITIES" (AS AMENDED)

Commissioner for Patents
P.O. Box 1450
15 Alexandria, Virginia 22313-1450

Sir:

In accordance with the provisions of 37 C.F.R. §1.56, Applicants request
that citation and examination of the following documents be made during the
course of examination of the above-referenced application for United States
20 Letters Patent.

- AT "An Introduction to Multivariate Statistical Analysis," Chapter
3, Anderson (1994)
AU "Encyclopedia of Statistical Sciences, Vol. 2," Cotz et al.
Eds., "Cornish-Fisher and Edgeworth Expansions," Chapter
25 4, pages 188-192 (1982)
AV "Brain Mapping: The Methods," Toga et al., Ed., Chapter 9:
"Rapid MRI and Functional Applications," Cohen (1996)
AW Website printout for "fmri.pro" from [http://www.med.uni-](http://www.med.uni-muenchen.de/radin/html/)
[muenchen.de/radin/html/](http://www.med.uni-muenchen.de/radin/html/)
30 AX Website printout for "Specification of fMRI Device" from
<http://www.unipublic.unizh.ch/campus/uni-news/>
AY "Structural Equation Modeling and Its Application to Network
Analysis in Functional Brain Imaging," McIntosh et al.
Human Brain Mapping 2:2-22 (1994)

- AZ "Network Analysis of Cortical Visual Pathways Mapped with PET," McIntosh et al, J. of Neuroscience, February, 1994, 14(2) pages 655-666
- 5 AT' "Functional MRI Statistical Software Packages: A Comparative Analysis, Gold et al., Human Brain Mapping, Vol. 6 (1998), pages 73-84
- AU' "Can Meaningful Effective Connectivities Be Obtained Between Auditory Cortical Regions?" Gonçalves et al., Neurolmage 14 (2001), pages 1353-1360
- 10 AV' "Large-Scale Functional Connectivity in Associative Learning: Interrelations of the Rat Auditory, Visual and Limbic Systems," McIntosh et al., J. of Neurophysiology, Vol. 80, No. 6, December, 1998, pages 3148-3162
- 15 AW' How Good is Good Enough in Path Analysis of fMRI Data?" Bullmore et al., Neurolmage 11 (2002) pages 289-301

EXPLANATION OF RELEVANCE

References AU through AY were identified and discussed in the present specification, and Applicants stand by the statements in the specification concerning the teachings of these references. Translations of References AW

20 and AX are not readily available to the Applicants, however, the aforementioned statements in the specification constitute a summary of their teachings.

The remaining references were cited during earlier PCT examination.

Copies of each of the above references together with Form 1449 are

25 submitted herewith.

This Information Disclosure Statement is being filed simultaneously with the present application, and is therefore in compliance with 37 C.F.R. §1.97(b)(1), and no fee is necessary.

All claims of the application are submitted to be patentable over the teachings of the above references, taken singly or in combination. Early consideration of the application is therefore respectfully requested.

Submitted by,

Steven H. Noll

(Reg. 28,982)

Schiff, Hardin LLP
CUSTOMER NO. 26574
Patent Department
6600 Sears Tower
233 South Wacker Drive
Chicago, Illinois 60606
Telephone: 312/258-5790
Attorneys for Applicants.

10/524225

Form PTO-1449						Docket No. P05,0033		Serial No. New Application	
INFORMATION DISCLOSURE CITATION IN AN APPLICATION (use several sheets if necessary)						Applicant Deco et al.		Filing Date Herewith	
								Group Art Unit Not yet assigned	
U.S. PATENT DOCUMENTS									
Examiner's Initials		Document Number	Date	Name	Class	Subclas s	Filing Date If appropriate		
	AA								
	AB								
	AC								
	AD								
	AE								
	AF								
	AG								
	AH								
	AI								
	AJ								
	AK								
FOREIGN PATENT DOCUMENTS									
		Document Number	Date	Country	Class	Subclas s	Translation		
							Yes	No	
	AL								
	AM								
	AN								
	AO								
	AP								
	AQ								
	AR								
	AS								
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)									
	AT	"An Introduction to Multivariate Statistical Analysis," Chapter 3, Anderson (1994)							
	AU	"Encyclopedia of Statistical Sciences, Vol. 2," Cotz et al. Eds., "Cornish-Fisher and Edgeworth Expansions," Chapter 4, pages 188-192 (1982)							
	AV	"Brain Mapping: The Methods," Toga et al., Ed., Chapter 9: "Rapid MRI and Functional Applications," Cohen (1996)							
	AW	Website printout for "fmri.pro" from http://www.med.uni-muenchen.de/radin/html/							
	AX	Website printout for "Specification of fMRI Device" from http://www.unipublic.unizh.ch/campus/uni-news/							
	AY	"Structural Equation Modeling and Its Application to Network Analysis in Functional Brain Imaging," McIntosh et al. Human Brain Mapping 2:2-22 (1994)							
	AZ	"Network Analysis of Cortical Visual Pathways Mapped with PET," McIntosh et al, J. of Neuroscience, February, 1994, 14(2) pages 655-666							
Examiner				Date Considered					
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.									

Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION (use several sheets if necessary)	Docket No. P05,0033	Serial No. 104524225
Applicant Deco et al.		
Filing Date Herewith		Group Art Unit Not yet assigned

U.S. PATENT DOCUMENTS

Examiner's Initials	Document Number	Date	Name	Class	Subclasses	Filing Date If appropriate
	AA'					
	AB'					
	AC'					
	AD'					
	AE'					
	AF'					
	AG'					
	AH'					
	AI'					
	AJ'					
	AK'					

FOREIGN PATENT DOCUMENTS

Document Number	Date	Country	Class	Subclasses	Translation	
					Yes	No
	AE'					
	AM'					
	AN'					
	AO'					
	AP'					
	AQ'					
	AR'					
	AS'					

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AT'	"Functional MRI Statistical Software Packages: A Comparative Analysis, Gold et al., Human Brain Mapping, Vol. 6 (1998), pages 73-84
AU'	"Can Meaningful Effective Connectivities Be Obtained Between Auditory Cortical Regions?" Gonçalves et al., NeuroImage 14 (2001), pages 1353-1360
AV'	"Large-Scale Functional Connectivity in Associative Learning: Interrelations of the Rat Auditory, Visual and Limbic Systems," McIntosh et al., J. of Neurophysiology, Vol. 80, No. 6, December, 1998, pages 3148-3162
AW'	How Good is Good Enough in Path Analysis of fMRI Data?" Bullmore et al., NeuroImage 11 (2002) pages 289-301
AX'	

Examiner	Date Considered
----------	-----------------

***EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.